MaC Roadway/Roadsides TWG

July 25, 2018

Presented by:
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Applied Pavement Technology, Inc. (APTech)
Who Should Attend the MLA?

- State, regional, or county personnel who:
  - Manage operations programs
  - Deal with oversight and quality assurance
What Do Participants Get Out of the MLA?

• Answers to “Why do we complete certain tasks”
• Exposure to peers with a diverse background
• Opportunity to apply knowledge and skills through group activities
Group Activities
What Do Participants Get from Each Module?

<table>
<thead>
<tr>
<th>Module A</th>
<th>Module B</th>
<th>Module C</th>
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</thead>
<tbody>
<tr>
<td>Maintenance Administration</td>
<td>Pavement and Bridge Preservation</td>
<td>Roadside Maintenance and Drainage</td>
</tr>
<tr>
<td>Plan, Budget, Schedule</td>
<td>System preservation benefits Evaluation Bridge Preservation Treatment application</td>
<td>Drainage Soils and slopes Advertising Rest Areas Roadside Vegetation Beautification</td>
</tr>
<tr>
<td>Module D</td>
<td>Module E</td>
<td>Module F</td>
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<tr>
<td>Weather-Related Operations</td>
<td>Traffic Services, Safety, and Work Zones</td>
<td>Environmental Protection</td>
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<tr>
<td>Weather-related operations</td>
<td>Work zone traffic control</td>
<td>Permits</td>
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<td></td>
<td>Signs and markings</td>
<td>Spill prevention</td>
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<td></td>
<td>Guardrail and barriers</td>
<td>Water quality</td>
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<tr>
<td></td>
<td>Incident Management</td>
<td>Waste management</td>
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<td></td>
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<td>UST, Historic Preservation, Endangered Species</td>
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</table>
How Is the MLA Organized?

Unit 1 Pre-Class Assignments (21 hours)

Modules A-C Classroom Sessions

Break

Unit 2 Pre-Class Assignments (11 hours)

Modules D-F Classroom Sessions
### What Is the Typical Course Schedule?

<table>
<thead>
<tr>
<th>TASK</th>
<th>COURSE WEEKS BEGINNING AT ORIENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NUMBER</strong></td>
<td><strong>DESCRIPTION</strong></td>
</tr>
<tr>
<td>1</td>
<td>Orientation Web Conference</td>
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<tr>
<td>2</td>
<td>Self Study Materials for Modules A, B, and C</td>
</tr>
<tr>
<td>3</td>
<td>Attend Module A, B, and C Classroom Session (with Travel)</td>
</tr>
<tr>
<td>4</td>
<td>Self Study Materials for Modules D, E, and F</td>
</tr>
<tr>
<td>5</td>
<td>Module A and C Homework Web Conference</td>
</tr>
<tr>
<td>6</td>
<td>Attend Module D, E, and F Classroom Session (with Travel)</td>
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</tbody>
</table>
What Are States Saying About the MLA?

“Personnel who attend the MLA receive a nationwide perspective on maintenance operations. More importantly, they build a networking group that carries on well after graduation.”

- Gilbert Jordan, Emergency Management Coordinator, Texas Department of Transportation
What Are States Saying About the MLA?

“…the NHI MLA has been the single most effective training program for our mid-level to senior leaders in highway maintenance over the last 3-4 years. The quality of the training exceeds anything that we have in-house, and [possession of] an MLA certificate has become an important promotion criteria for most of our new supervisors.”

- Lonnie Hendrix, State Maintenance Engineer, Arizona Department of Transportation
How Can Your State Participate?

- Send maintenance supervisors to the next regional session
  - Washington State, Spokane 2018
  - Nevada, Las Vegas 2018
  - Tennessee, Nashville 2018
- Host your own session
Module D-F Update

- Environment
  - Relating curriculum more closely to maintenance activities
  - Introduction of terms
  - Routine maintenance
  - Environmental commitments

- Weather
  - Multiple hazards
  - Track issues through the event
Module D-F Update

- Traffic services
  - Traffic control
- Barriers
- Incident management
- Queue management
Module A-C Update

- Asset management
- Pavement and system preservation
- Roadside maintenance and drainage
How can you participate?

Enroll in the Maintenance Leadership Academy

This fall, NHI's Maintenance Leadership Academy (MLA) is coming to Nevada. Maintenance professionals from neighboring State DOTs and local agencies are invited to participate. Come share best practices and build your professional network while gaining invaluable technical knowledge.

Highway transportation agencies and maintenance professionals benefit greatly from the improved decision-making, resource management, communication, and technical

http://www.nhi.fhwa.dot.gov/
How Do You Learn More?

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